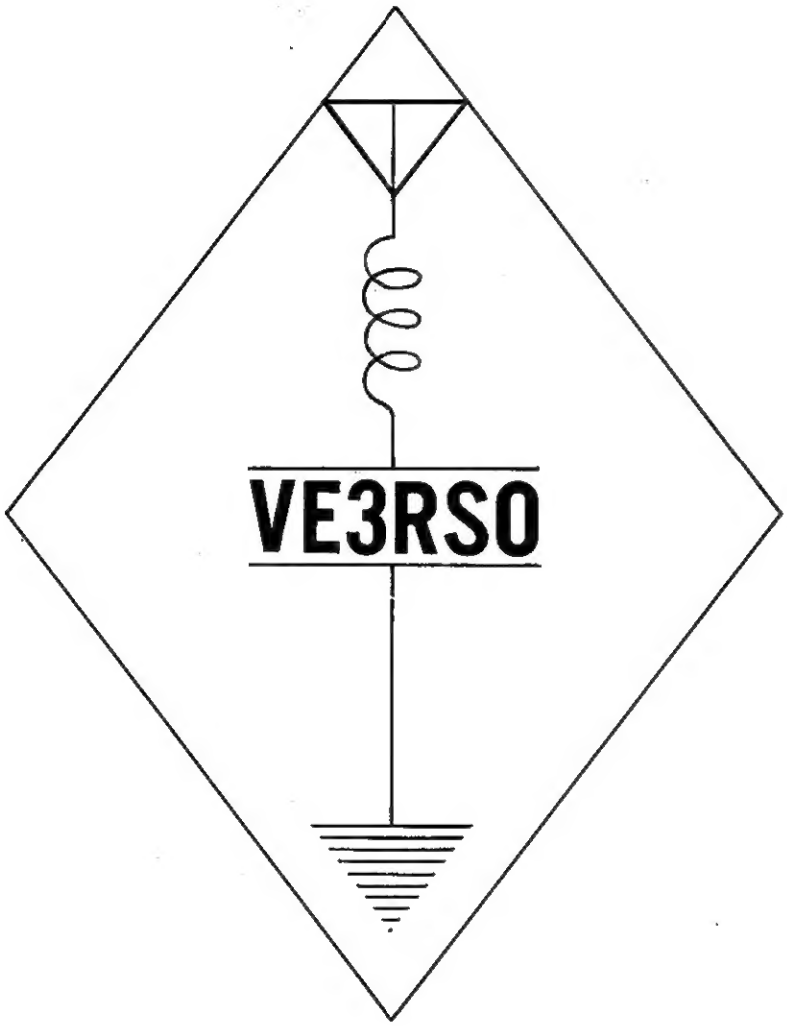
THE ONTARIO AMATEUR



RADIO SOCIETY OF ONTARIO INC.

FROM THE PRESIDENT:

Since our first Bulletin was mailed to all Amateurs in Ontario early in April, I have been surprised and disappointed in the lack of response by way of additional membership in the Radio Society of Ontario. Surely there are more "Hams" in this Province who are interested in backing an organization, whose main theme is to be of service to the Amateurs of Ontario, in every way possible.

Our apathy as Canadians is clearly demonstrated by this lack of interest. What a great thing it would be if we here in Ontario could demonstrate to the rest of the country, that over eighty percent of all licensed Amateurs were members of a Provincial Society. This would not only establish a strong R.S.O. but would make it more financially secure. The very nominal membership fee this year, could not be expected to finance the work of the R.S.O. when the present membership is less than one thousand Amateurs. With perhaps four or five times this number as members, we would have the resources to make a real contribution to Amateur Radio in Ontario.

Many hours of volunteer effort have, and are being spent by a small group of dedicated Amateurs to provide better Bulletins containing more and more items of interest. Let us all get behind these efforts and join the R.S.O. Use the application form found in this Bulletin to-day, if you are not already a member. This will be the last Bulletin mailed to non-members.

73 Bill VE3CLK

UPCOMING FUNCTIONS

The chicken Junction Net Picnic will be held on July 17th at Havsumfun Park, 6 miles east of Fergus on the Orangeville-Fergus Road. Registration from 10:00 A.M. to 12:00 A.M. In the afternoon there will be games and prizes for the kiddies. A Swap and Auction, so take your junk. There will be a corn boil in the evening with corn supplied. There are facilities for camping and a trailer park, so many will make a weekend of it. Advance registration is advisable, application should be made to: Lee Durling, 186 Guelf St., Oshawa. Registration fee is $2.00 carload. There is also 50¢ per car charge to enter the park. Include the XYL and the number of kids you will be taking.

MORE FROM THE OFFICE OF THE SECRETARY BY A. K. MEEN, VE3RX

Well, June is here again and by the time you read this, your club will be about to participate in another Field Day event sponsored by the A.R.R.L. It is my pleasure to remind you that our Society sponsors a special award presented annually to the highest scoring Canadian entry in the Field Day contest as ruled upon by the contest committee of A.R.R.L., to whom all logs are submitted for scrutiny. The Trophy presented by the Society is called the Keith Russell Memorial Award in memory of one of Canada's most famous radio amateurs.

The late A.H. Keith Russell, who held the call VE3AL until his death in 1959, was a fighter pilot of some renown in the R.A.F. during the first world war. During the years that followed, he continued an active interest in flying, and during the second world war organized all W.A.C. activities of the R.C.A.F., retiring at the end of hostilities with the rank of Air Commodore.

In the early days of amateur radio, following his return from the first world war activities, the late A. H. K. Russell (affectionately known as "Keith") and despite a busy and growing law practice in partnership with "Tiny" Lester under the firm name of Lester and Russell, found time to do a good deal of experimenting in amateur radio both with rotary gaps and subsequently with vacuum tubes. In 1929 Keith became the first Canadian general manager of A.R.R.L., until the following year when, believing that the job should be rotated from time to time, he relinquished the post to Alex Reid, VE2BE. Keith maintained an active interest in amateur radio and managed to attend virtually all ham fests and conventions throughout the years.

To all of us who had the honour to know him personally, he was an inspiration due both to his outstanding accomplishments and to his enthusiasm for things present and future. The Keith Russell Memorial Award is presented in the hope and expectation that by so doing in some manner his accomplishments may be and remain better known in the ham fraternity as a whole, both among the young and the not so young.

INCREASING THE USEFULNESS OF THE HEATH AM2

REFLECTED POWER AND S.W.R. BRIDGE

BY: Tom Vince VE3CKU

Would you like to be able to check the efficiency of your linear at will? Just what is the level of your PEP? How much output does that CW rig Really Have? In RF Watts? You don't have to part with very much of the green stuff to be able to do any or all and more of the above checks.

With a small cash outlay,lots of elbow grease and a couple of evenings in the shack or shop, you can have just such a device. Still interested? Well, then try this project.

Start by opening the AM2 case and remove the plastic face from the meter. It may only be held on by pressure or it may have small dabs of glyptol to hold the face on firmly, examination will show which is the case. In either event gentle pressure with a 3 inch screw driver should pop it off the meter case.

In some of the older types the barrel will have to be removed from the meter case (held in by 3 very small screws spaced around the circumference of the meter case rear edge). This will expose the scale plate for removel from the movement body.

Using a great deal of care so as not to bend the needle remove the scale plate and lay it on a flat surface, scale up.

Using scotch or masking tape, fasten the scale to the flat surface so that it will not shift around during the next operation.

With the tip of a common pencil eraser, erase the percent scale, all the numbers on this scale except the zero should be removed.

To practice the above step I would suggest that you try first to erase the manufacturer's name from the bottom right hand corner of the scale.

Don't rub too hard, take your time so that only the black lettering will come off and you won't expose the bright aluminum under the white finish of the scale.

When you are sure you have the knack proceed with the percent scale. When this part of the modification is complete take the sheet of letraset and practice by putting your own call letters down in the bottom right hand corner from which the manufacturer's name was removed.

The next step is to letter either "P RF or Watt RF" in the spot where Percent Reflected Power had previously been. (terminology your choice.)

Next, arbritrarilly, divide the scale into 100 divisions (a 100 ua. meter movement is used in most cases). With the accompanying chart, the placement of the power levels should be an easy task.

On the prototype model, 5, 15, 25, 65, and 100 were lettered on the scale and utilizing the letter (I), marks were placed on the scale to signify 45 and 85 watts respectively. It was done in this manner to keep the scale from appearing cluttered.

For those who would wish to calibrate the scale for other than 0 to 100 watts, the formula P equals I^2R can be utilized, together with an RF ampmeter and a 50 ohm dummy load.

ie: 1 amp into 50 ohm dummy load is 50 watts, 2 amps is 200 watts
3 amps results in 450 watts etc.

If you are lucky enough to own a good wide range RF voltmeter or a VTVM with RF Probe, the job of calibration should be a snap.

It must be pointed out that a proper non inductive load should be used for calibration purposes. (Heath cantenna highly recommended)

With an RF Voltmeter the formula P equals E^2/R is employed, but for a more detailed description of the calibration of this type of instrument see the ARRL handbook, Measurements Chapter, RF measurements section.

For those of you who may have built your own SWR Bridge, (Some of us still do I am told) and never got around to calibrating it, the formula is:

$$\frac{Fs + Rr}{Fs - Rr} \quad \text{or} \quad \frac{\text{Full Scale + Reflected reading}}{\text{Full Scale - Reflected reading}}$$

For example: suppose you are using a 0 to 100 ua meter in your homebrew bridge and you find your reflected reading to be 20 ua.

From the formula this becomes: $\frac{100 + 20}{100 - 20}$ or $\frac{120}{80}$ or an SWR of 1.5:1

When all the labeling of the meter scale has been completed, it is recommended that the scale be sprayed with clear plastic spray (CTC variety will do). This will keep the Letraset from peeling with age.

On the meter case itself, when the switch positions are labeled, a dab of your XYL's clear nail polish should preserve the lettering.

Finally it sould be remembered that after final assembly and calibration, the meter will only give an accurate reading if you are loading the final amp. into a dummy load as previously described or if the VSWR on your transmission line is below 1.5:1. The higher the VSWR on the line the greater the error or vice versa.

PARTS LIST.....

QUANTITY	COMPONENT
1	10K ohms 1/2 watt carbon non-inductive gold band resistor. (Rv 1)
1	1000 ohms 1/2 watt carbon non-inductive gold band resistor. (Rv 2)
1	1N34A or equivalent crystal diode.
2	1000 pf. (.001) ceramic bypass.
1	1K ohms carbon 1/2 watt, or what have you (junk box type)
1	100K ohms pot. (junk box type) (0 to 100 watts cal. pot.)
1	.25 meg pot. (junk box type) (0 to 1KW. Cal. Pot.)
1	SPTT miniature wafer type switch, small enough to fit the space available directly below meter face.
1	Package Letraset. Type VT8 - Gothic 1/16 inch. (colour and size your choice but red is recommended)
1	47K 1/2 watt

CALIBRATION CHART

RF WATTS	SCALE	SWR
0	0	1:1
	5	1.1:1
	10	1.2:1
	20	1.5:1
5	22	
	30	1.8:1
10	31	
15	38	
	40	2.2:1
20	45	
25	50	3:1
30	55	
35	59	
40	63	
65	80	

CALIBRATION CHART (CONT'D)

RF WATTS	SCALE	SWR
85	91	
100	100	Infinity

The mechanical and physical details of the modification will be left up to the individuals imagination. It is hoped sufficient detail has been covered here to enable the owner of a Heath AM2 to complete the modifications without any great difficulty. However, anyone with further inquiries is requested to include a self addressed stamped envelope for a reply.

Two other modifications worthy of consideration were incorporated. One, a chrome drawer pull was mounted on the top of the case. This was done after dropping the unit a couple of times for lack of a firm way of gripping it.

A three pound bar of plumbers lead was fastened with sheet metal screws through the bottom of the case. The AM2 now sits quite still on the operating position and doesn't assume a rakish angle when a length of RG8U is screwed on the back of the meter.

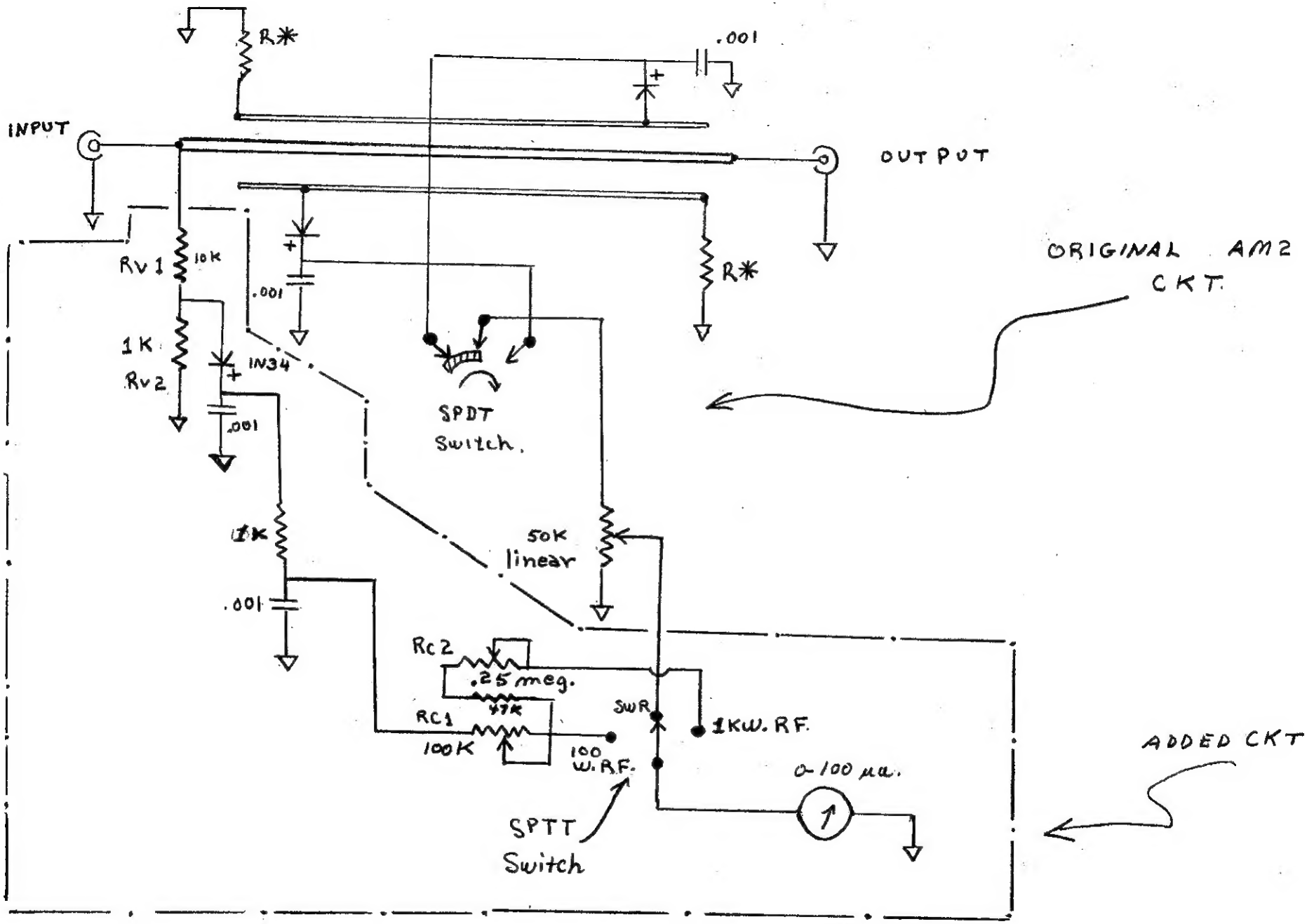
THE PSALM OF RADIO

Author Unknown

Radio is my hobby, I shall want no other.
It maketh me to stay at home at night.
It leadeth me into much trouble.
It draweth on my purse.
I go into the paths of debt for its name sake.
Yea, though I understand it perfectly, it will not oscillate.
The different kinds of notes, they comfort me;
It will not work in the presence of mine enemies.
I annoint the coils with shellac,
But the tube spilleth over.
Surely the radio bug shall not follow me all the days of my life;
For if it does I shall dwell in the house of Poverty forever.

AMEN

Courtesy Lerc A.R.C. California, U.S.A.


R*
.001
INPUT
OUTPUT
Rv1
10K
.001
R*
ORIGINAL AM2 CKT.
1K
Rv2
IN34
.001
SPDT Switch.
1K
50K linear
.001
Rc2
.25 meg.
47K
RC1
100K
SWR
1KW. RF.
100 W.RF.
0-100 μa.
SPTT Switch
ADDED CKT

AROUND ONTARIO Len Curzon VE3EXF/AREA55

OTTAWA VALLEY MOBILE RADIO CLUB INC. Held its' annual Spring Auction at EMO headquarters in Ottawa on the 14th of May and some 400 items or packages were passed from hand to hand. It was a most successful effort, with Amateurs coming from Montreal, Brockville and many surrounding cities.

An HW12 SSB rig has been purchased for their monitor station which operates on 3760Khz. Doreen VE3CGO, will now be heard by her many friends, on SSB for the first time as she answers the many daily calls into their monitor.

A project is also under to put into operation a 6 meter (50.4 mhz) monitor pushing out some 50 watts into the antenna. The club is also arranging to produce two portable transceivers to operate on that frequency for emergency work. This set has been designed by VE3CLW and in conjunction with VE3CGD several more are to be built for club members personally, thus creating much more activity on 6 meters in the Ottawa area.

The club has been trying for some time now to ascertain if there are any other Mobile clubs in Canada and so far they have not been successful. They would like to swap bulletins with any club which has a Mobile section.

Remember, if you are mobile and would like a QSO, come up on 3760khz a anytime. Net times are 10:00 A.M. local time, Saturdays and Sundays and everyone is welcome. They may also be able to solve your mobile installation problem quickly if you have one, so join them. DX membership including bulletins 12 months a year $1.00 to P.O. 6161 Ottawa.

NIAGARA PENINSULA A.R.C. A large number of members are working on the ARRL convention which is to be held in September. A good turn out is expected. They now have about 150 members, so it is easy to obtain their certificate; all you need is 10 QSL cards plus 50 cents and send to P.O. Box 692, St. Catherines. At a recent Rochester convention Dave VE3DVE received 2nd prize in the code copying contest.

They are still going strong with plans for a 2 metre FM repeater. Frequencies are: Repeater transmit - 147.20 MHz
Repeater receive - 146.220; Mobile receive - 147.240MHz Mobile transmitt 146.220MHz. Should be operating by September.

From the Welland area came word that great experimenting is being done on 432 MHz and in the field of Amateur TV. Once again this year the familiar sound of VE3VM will be heard on Field Day. They are located on the wonderful shores of Lake Ontario, near Niagara on the Lake, about ten transmitters will take them to the top.

PEEL A.R.C. BRAMPTON recently produced their first issue of a club magazine "PARC". This is a large, very interesting and well written publication. Put them on your list for swap bulletins. They have a station operating on the air with the novel phonetic call sign VE3 - Pickled Red Cabbage.

CLINTON A.R.C. is located at the RCAF Station Clinton. They produce a very interesting Bulletin called "Genistor", and as we used to say in my RAF days, it's full of 'Gen' (news).

SEAWAY A.R.C. Located in Cornwall. Meetings are held in the EMO Headquarters 4th Street West, Cornwall, at 8:00 P.M. on the last Friday of each Month.

WEST SIDE A.R.C. VE3JJ One of the founders of the Radio Society of Ontario, and possibly one of the oldest Amateur Radio Clubs in Canada. Meetings held 2nd Friday of each month, 8:30 P.M. at the Swansea Municipal Chambers Lavinia Road. President Bill Loucks Ve3AR. An interesting Magazine is published monthly, "West Side Splatter".

ROAR INTERNATIONAL FRIENDSHIP AWARD Sponsored by ROAR to encourage understanding through conversation. SEND signed list of QSO's (no need for QSL confirmation) showing 100 international rag chews of at least 15 minutes (phone) or 30 minutes (CW) since December 31st, 1964, with minimum 25 countrie (repeat QSO's O.K. within these limitations). COUNT QSO double credit if entirely in language not native to the applicant and foreign to the nation where licensed. Send list to J. Foy Guin Jr., W4RLS, Box 26, Russellville, Alabama, 35653, U.S.A. No charge. Copy of complete rules will be sent on request to W4RLS.

ROTARIANS OF AMATEUR RADIO

ROTARY INTERNATIONAL

International Friendship Award

This certifies that Jack Burkell, VE3HJT has presented evidence this day of 100 ragchews with Foreign Amateur Stations in compliance with the Rules for this issuance of this Award.

Issued this 15 day of December, 1965

AWARD NO. Honorary

W4RLS
AWARD CUSTODIAN

ONTARIO TEENAGERS The Ontario Teenage net meets every Saturday at 1600 EDT on 3680 khz. VE3GBW or VE3GEB will be net control. All Ontario Teenagers are invited to check in. If any Teenagers are unable to check in, due to time or mode, please let us know. We also wonder if there is any interest in a bi-monthly bulletin. Write C/O Jim VE3GEB, R.R. #1, Tilbury, Ontario. We would like to hear from all Teenage hams in Ontario. Thank you

73 Jim Olsen VE3GEB

CARDS FOR THE FOLLWING TWO LETTER CALL STATIONS, BEING HELD AT THE QSL BUREAU

Please send self addressed stamped envelope to: RUSS BUCKLEY, VE3UW
20 ALMONT ROAD,
DOWNSVIEW, ONTARIO.

AA	BA	CA	DA	EA	FA	GC	HB	ID	JE	KD	LB	MB
AC	BC	CB	DC	EB	FC	GD	HF	IF	JG	KE	LC	MC
AH	BE	CD	DF	EC	FD	GE	HJ	IH	JK	KH	LK	MD
AL	BF	CG	DG	ED	FG	GH	HO	IJ	JM	KJ	LL	MF
AQ	BH	CI	DI	EE	FI	GI	HQ	IM	JO	KL	LJ	MG
AT	BI	CL	DK	EF	FJ	GJ	HN	IT	JS	KU	LO	MK
AV	BK	CP	DE	EI	FM	GP	HY	IS	JU	KT	LU	ML
AW	BL	CQ	DH	EJ	FP	GS	HZ	IQ	JX	KW		MO
AY	BM	CR	DD	EH	FS	GT		IW	JZ	KX		MP
AZ	BS	CU	DL	EK	FU	GV		IY				MY
AJ	BT	CV	DO	EM	FW	GX		IZ				
AK	BW	CW	DG	EO	FX							
	BY	CX	DR	EP	FT							
		CY	DS	EQ	FY							
		CZ	DT	ER								
			DV	DW								
			DW	EX								
			DY	EY								
				EZ								

NE	OD	PC	QA	RC	SA	TC	UF	VC	WA	XC	YB	ZB
NI	OF	PG	QD	RF	SD	TD	UH	VF	WB	XJ	YC	ZN
NO	OG	PH	QF	RG	SJ	TE	UM	VJ	WD	XL	YD	ZT
NP	OK	PJ	QH	RI	SK	TF	UN	VK	WE	XO	YE	ZU
NS	ON	PL	QK	RJ	SO	TG	UP	VN	WG	XP	YF	ZW
NV	OP	PM	QL	RL	SP	TI	UO	VO	WL	XR	YH	ZL
NW	OS	PP	QM	RM	SU	TJ	UE	VP	WM	XS	YL	
NX	OT	PK	QO	RN	SX	TM	UQ	VV	WN	XT	YN	
NY	OW	PQ	QP	RO	SZ	TO	US	VW	WP	XU	YO	
NZ	OX	PS	QR	RP		TV	UV	VZ	WS	XV	YQ	
	OZ	PT	QS	RS		TP	UY	VE	WU	XY	YT	
		PW	QT	RU			UZ	VI	WV	XK	YU	
		PX	QV	RW				VU	WW		YV	
			QX	RY					WY		YW	
											YX	
											YY	

MAILING INFORMATION

5 cards or less require 5 cent postage --- 6 to 11 cards require 8 cent postage

Please use envelopes size 5 1/2 inches by 7 1/2 inches obtainable at any large stationery store. Show your call in upper left corner of envelope.

For the next issue of the R.S.O. bulletin I will endeavour to list the three letter "A" calls.

If I have listed your call and an envelope is on file, drop me a line and error will be rectified.

An extra envelope on file will assist the QSL manager in reducing the number of cards taking up valuable space.

I wish at this time to say many thanks for the kind letter of encouragment.

73, RUSS BUCKLEY, VE3UW

NOTES FROM THE INNER SANCTUM

Fellows Amateurs

This second issue of the "Ontario Amateur" is on its way to every Amateur Radio Operator in Ontario - over 4,000. Membership in the Radio Society of Ontario Inc., is just around the 1,000 mark so you can see that we would appreciate a few more application forms filled in. The next two issues will be mailed to R.S.O. members only. What happens after that depends on future executives. The cost of the magazine is being paid for by the R.S.O. members, so if you do not become a member this will be the last issue that you receive. 99.9% of comments received about the last magazine were favourable, so I intend to carry on in the same way. I didn't receive as many letters and news items as I wished but I wasn't surprised. I have produced the "Skyhook" magazine for the Skywide A.R.C. for about four years and I have been associated with the Amateur Radio Editors Association for three years. These experiences have proved to me, that even though the average ham has many comments to make, he is very reluctant to put them in writing.

Don't be afraid of writing to me. I will publish anything that space will allow providing you give me permission.

The last issue contained a few typing errors and it is possible that this one will also; for this I apologize and I take full responsibility. One major error to be corrected in the last issue is on the legend for Ontario Counties. Please amend your copy to read: 24 Simcoe, 25 Victoria.

We have been critizised about the lack R.S.O. bulletin broadcasts: in February of this year the call sign VE3RSO was transferred from Rowland Beardow VE3AML to the Public Relations Chairman VE3UU, Ken Andras. Unfortunately Ken became seriously ill and was unable to fulfill his obligations. I am now very pleased to inform you that Ken has made a remarkable recovery and WE EXPECT VE3RSO to be on the air very soon.

Thank you and good Hamming Len

DX NEWS

ROGER MCNICOLL VE3FXR/AREA 165

ADELIE LAND ANTARCTICA: FB8YY is active from here, usually 14300-14330 khz SSB.

ANDAMAN ISLANDS: VU2DIA is regularly active from this island on 14mhz CW Mostly around 14030 khz.

AMSTERDAM AND ST. PAUL ISLANDS: Another FB8 station giving you French XZ Antarctica is, FB8ZZ. Active around 14050 khz CW from 1100GMT. Excursions to 21 mhz are also made.

TURKEY: TA2BK is active again on 14 mhz CW around 14011 khz

KURE ISLAND: Now active, WA7EZW/KH6 (no ordinary KH6) on 14mhz SSB - high end

GREECE: Have been regularly in VE3-land lately; SVØWH 14mhz cw at 2000GMT QSL to W3PZW; SVØWKK 14 mhz CW 2030 GMT; SXØ SVICX 14 mhz CW 1800GMT, operator yanni, QSL to: 10 Diacu Street, Athens 457 Greece.

CANARY ISLANDS: EA8ET 2012 GMT 14 mhz CW RST 589

JAN MAYAN ISLANDS: LA6XF 2117 GMT 14 mhz CW RST 569. QSL via bureau

BITS AND PIECES:

Gabon 14 mhz CW and AM: Ascension Island ZD8AM ZD8RD all bands all mode. St. Maarten PJ5MG 14 mhz CW, 14320 SSB: Balearic Islands: EA6AR (DL7FT) 14 mhz SSB: Antartica ZL5AA Ross Island, FB8YY Adelieland, UA1KAE Antarktis: Mongolia JT1AC 14035 mhz CW: Lebanon OD5EE 14060 mhz CW: Egypt VE1AED/SU 21080 mhz CW, 14280 mhz SSB: French Somaliland FL8MC 21075 mhz CW: Formosa BV1USA 14055 CW: Isle of Man GD5ACH/W6KG and Iris GD5ACI/WB6QEP: Japan now using a new prefix; JH1AAA to JH1XZZ to individuals, JH1YAA to JH1ZZZ to clubs.

73 Roger

L E T T E R S T O T H E E D I T O R

Dear Len:

At last I know who the Executive are of the R.S.O. Inc., after three months the news is released. I know I speak for more than one amateur in Ontario, judging the written comments that I have seen. I hope this situation will not occur again.

I am sure a lot of work has gone into the producing the Ontario Amateur, as I know what is involved having produced a number of Bulletins for R.S.O. in the past.

I am disappointed at the lack of news regarding activities of the society. No mention of Bulletin Broadcasts via VE3RSO, nothing on the R.S.O. Century Award. Nothing on Executive affairs discussed over the past three months.

Much has been said at past Executive meetings, emphasising the necessity of spreading the Executive representation over the province, yet on checking the QTH of the Executive for 1966, I amazed to find only 4 out of 18 outside of Toronto, namely Director VE3AYS, Beamsville, Chairman Tech Committe VE3CKU Niagara, and V.P. VE3AAO London, and a member at large VE3EAT Sudbury. This mirrors pre RSO Inc. Years. This is certainly not good policy, and should be corrected in the future, as there are many good men outside of Toronto willing to serve the amateurs of Ontario.

Yours in Canadian amateur radio. Rowland VE3AML
(Rowland C.E. Beardow VE3AML, 1899 Lakeshore Road, Sarnia, Ontario)

Dear Len:

Thanks for the F.B. Bulletin. I had not renewed my membership until I knew the results of the election. Having attended the ARRL Convention in Sudbury, I was ashamed as a member of the R.S.O. by the remarks from the floor of an executive member of this society. The results of the election vindicate my personal feelings and I hereby apply for renewal.

LETTERS TO THE EDITOR (CONT'D)

Editor's Note: I have the full name and address of this R.S.O. Member, who lives in Chatham but was unable to contact him before the magazine was due to be published in order to obtain permission to reproduce his letter. This is the only reason that his name and address does not appear.

I have already stated that I want letters and comments but I do not intend to publish anything without the writer's consent.

Dear Len:

I was pleased to receive the VOL 1 No. 1 of "Ontario Amateur and would like to take this opportunity for congratulating you and your colleagues in its preparation. It takes a good deal of time and research to produce any kind of publication, and this one is worthy of high praise.

Editor's Note: Space will not allow the complete reproduction of this writers letter but I would like to thank you 'Tony Bendall VE3BOZ' for a very stimulating and idea packed letter. Tony was the Editor of "Doctors Only" and his many suggestions show a background of professional experience. These suggestions will be discussed by the Executive to see whether they can be implemented.

AWARD:-

The Penticton Club are issuing a certificate award for their Centennial Project. Amateur's must work 20 VE7's, three of which must be from the Penticton Club. No mode bonus. A gold star will be awarded if the Eyeball takes place at their International Hamfest in July 1967 at Okanagan Falls, B.C.

AMATEUR RADIO NETS IN ONTARIO

CW - Ont. Que. net (OQN) except Sunday	3535 - 1900EST
CW - Eastern Can. net (ECN) nitely	3540 - 1945EST
CW - Grey Bruce Net (GBN) nitely	3645 - 1830EST
CW - Eastern Area Net (EAN) nitely	3670 - 2030EST
Phone AM - Ont. Fone Net - (OFN) Nitely except Sun.	3770 - 1900EST
SSB - Chicken Junction Net (CJ) nitely	3790 - 1830EST
Laurentian Net	3755 - 1845EST
WINDEE Net Sundays at 9:00 P.M.	146,430 - 2100EST

NEWS AND VIEWS FROM THE DELEGATES

W. F. Choat VE3CO Delegate for Toronto, and Vice President of the R.S.O. Inc.

R.S.O. Century Award At a committe meeting in 1964, it was suggested by Bert Cook VE3DHH, that a certificate be made available for contacts with 100 R.S.O. members. This information was published in a newsletter, dated December 1964, but so far no one has claimed a certificate. This award is still available and the following conditions apply; verification must bear R.S.O. stickers or facsmile and proof of 100 contacts.

Please submit proof of confirmation and any request for information to "Public Relations Chairman, R. S. O. Inc., Box 334, Toronto, Ontario.

How many confirmed contacts have you? Anybody over 50 yet? Drop me a notevia R.S.O., P.O. Box 334.

D.O.T. Examinations for Ham Ticket We have heard that when some candidates for Amateur licenses have failed to qualify, the D.O.T. have refused to say what mistakes were made.

After making enquiries at the D.O.T., we learn that it is definitely not a general policy of the department to refuse to advise a candidate where he is at fault. If any R.S.O. member has any question in this regard send a not to; R.S.O. Inc., P. O. Box 334, and we will try to help you.

R. S. O. Bulletin Comments heard on 75 metres concerning the April issue of "Ontario Amateur" were very favourable, most hams were please with the magazine. Many were not familiar with the history and background of the society, so the article written by Art Meen VE3RX was very helpful.

Checking for TVI by Tom Vince VE3Cku was well worth the price of a years membership in the R.S.O. Follow his "preliminary checks" before you ask for outside assistance.

Assistance given to the Ontario QSL manager, - Russ Buckley VE3UW - by the executive of the R.S.O. also brought many favourable comments.

Several hams appreciated the information as to when and where various Ontario amateur radio clubs hold their meetings. Every Ontario ham should be able to become a member of at least club as a result of the publication of this list. However I had a call from Gordon A. Mitchell VE3GIN, a "White Cane" Operator. He enquired as to whether there was a club or list of "White Cane" amateur radio operators in Ontario or any of the larger centres of population. Anybody know? If so, please send the information to R.S.O. and we will pass it along. Incidentally "White Cane" operators do not have to pay dues to become R.S.O. members.

National Organization One ham I talked with was quite disappointed that the R.S.O. bulletin did not contain any suggestion that the R.S.O. Inc., sponsor a National Amateur Radio Organization. I wonder if he ever heard of the "Canadian Amateur Operators Association" known as C.A.R.O.A. and how, and why it failed, owing its Past President - the late Bob MacDonald VE3APS - about $2,000. The association published XTAL up to December 1950. Jack Beardall VE3MJ, the last President, could probably fill you in on the details.

Then there was Canadian Radio Amateurs Journal "Skywire", published monthly up to June 1953, by the late Fenwick Job who worked very hard at producing quite a good magazine of about 32 pages, almost one half of which was advertising.

There was also "The Canadian Amateur" published in the interests of the Radio Amateurs and Experimenters of Canada, by John H. Brown VE7JB in North Surrey B.C. up to March 1959.

The writer has some knowledge of all of the above efforts at a distinctly national organization, and would comment as follows:

(1) The only to hold a national organization of this nature together, would be by means of a regular, preferably monthly, publication.
(2) The only way to pay for such a publication is by industry advertising. Advertisers will not continue to support a publication on a regular basis unless it has adequate circulation. Since there are presently 3 major Amateur Radio publications coming into the country from the U.S.A. plus one with a considerable Ham content including a column "VE NEWS", being published in Montreal. It would be difficult and probably a money losing proposition for months or even years, to successfully operate a magazine devoted exculsively to Canadian Amateur Radio.
(3) From personal knowledge, and being a Canadian Ham since 1920, I know that we are even more individualistic than our U.S. cousins, and if you put a question to 3,000 Canadian Hams you will probably receive at least 2,800 different answers!

As an R.SO. delegate from the D.O.T. Toronto section. I would welcome any comments pro or con to any of the foregoing; C/O R.S.O. Inc. P. O. Box 334.

73 W. F. Choat VE3CO

Lorne Doreen VE3SZ, Delegate for Ottawa area.

In this area, from Arnprior up through Renfrew, Pembroke, Deep River and Rolphton, there are many licensed Hams but only about 20 are active. Of these, half are on SSB and the rest on AM. CW is used frequently by seven of the 20.

A number of Hams are employed by Atomic Energy of Canada Ltd. at the Chalk River Nuclear Labs, and many eyeball QSO's are enjoyed with foreign hams who take special courses here.

Incidentally, summer time visits can usually be arranged to this research centre by writing to the Public Relations office.

The Renfrew County A.R.C. meets monthly at the EMO headquarters in Pembrooke, and has a Sunday net at 9:00 A.M. on 3730. Excerpts from R.S.O. bulletins are aired at this time.

73 Lorne Doreen VE3SZ

Box 632, Deep River.

NEWS & VIEWS (CONT'D)

John Williams VE3AAO London District Delegate

I attended the regular meeting of the Chatham A.R.C. recently. This club has been newly organized, and it looks as if it is going to be a going organization. They hold their meetings at the local E.M.O. club rooms.

The London A.R.C. is going great guns, and their regular monthly meetings are held on the second Thursday of each month at the Crouch Public Library on Hamilton Road. Their plans for Field Day are well on the way.

The Guelph Amateur Radio Club held their annual Banquet in May. The food was excellent, and it was well attended. Yours truly enjoyed himself but didn't win a prize.

I would like to hear from all clubs in my area as well as individual amateurs. Any clubs in this area deciding to write to me should please include dates of meetings and meeting places.

73 John

RADIO SOCIETY OF ONTARIO INC.

APPLICATION FOR MEMBERSHIP:

NAME ..... CALL .....

ADDRESS .....

..... D.O.T. DISTRICT .....

MEMBERSHIP CERTIFICATE _____
OR check one
CARD _____

If membership for 1966 already paid --- PLEASE IGNORE THIS APPLICATION.

Membership FEE for 1966 ---- $ 2.00

MAIL TO:

Radio Society of Ontario Inc.,

P. O. Box 334,

Station "U",

TORONTO 18, Ontario.

1966 ARRL CONVENTION ONTARIO SECTION

PRESENTED BY THE NIAGARA PENINSULA AMATEUR RADIO CLUB

Sept. 16th and 17th, SHERATON BROCK HOTEL, Niagara Falls, Ont.

Friday, Sept. 16th,
6:00 p.m.- Registration.
7:00 to 10:00 p.m.- Eyeball QSO, Exhibits, -- Bar.
10:00 p.m.- Light Refreshments.

Saturday, Sept. 17th,
9:00 a.m.- Registration and Exhibits.
9:30 to 12:00- ARRL., AREC Forum, Technical Talk by Heathkit.
12:00 to 2:00 pm.- Break for Lunch (on your own).
2:00 to 5:00 p.m.- Technical talk, RSO and VHF Forums.
XYL and YL activities planned.
6:30 p.m.- Cocktails.
7:30 p.m.- Banquet and entertainment.
10:00 p.m.- QRT, 73 & 88.
- Dancing and cabarets available nearby.

Displays and exhibits Friday night and Saturday to 5:00 p.m. For Hotel accommodations, write Sheraton Brock Hotel, 1685 Falls Street, Niagara Falls, Ontario.

--- DRAWS --- PRIZES --- RAFFLE ---

Pre-registration - OM's $8.00, XYL's and YL's $6.00
Friday night Eyeball QSO and lunch, $1.00
Tickets at door, OM's $10.00. XYL and YL's $8.00
For those who wish to attend only The Forums, not the banquet, $3.50 at the door.

.....

Tear here

Send to: D. G. Hall, VE3TB,
P. O. Box 692, St. Catharines, Ontario, Canada.

I wish to pre-register. Enclosed please find amount $_____(add 15¢ exchange to cheque)

Number in party.....
Will be attending Friday evening Eyeball QSO....yes....no

Name.....

Address.....

Call.....
Tickets and Programme will be returned by mail.

COME EARLY AND ENJOY YOURSELF!!!